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United States Patent**5,356,774****Axelrod , et al.****October 18, 1994****Replicative RNA-based amplification/detection systems****Abstract**

This invention relates to the use of functional reporter molecules in the detection and measurement of nucleic acid sequences in a sample, as a determination, for example, of pathogenic disease existence or potential. The invention is predicated on the utilization of a transcription step between the production of an appropriate *reporter molecule* and replication based amplification in order to increase the number of detectable species as an indirect reference to target nucleic acid sequence.

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Intern'l Class:

C12Q 001/68

Field of Search:

435/6,172.3,91.21,91.31 536/27,23.1,24.31,24.32 935/77,78

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